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CID3683

EN

User manual

PHILIPS

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1 Important

Safety

- Read and understand all instructions before you use the apparatus. If damage is caused by failure to follow instructions, the warranty does not apply.
- Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.
- This unit is designed for negative ground (earth) 12 V DC operation only.
- To reduce the risk of traffic accident, do no watch video during driving.
- To ensure safe driving, adjust the volume to a safe and comfortable level.
- Improper fuses can cause damage or fire. When you need to change the fuse, consult a professional.
- Use only the supplied mounting hardware for a safe and secure installation.
- To avoid short circuit, do not expose the apparatus, remote control or remote control batteries to rain or water.
- Never insert objects into the ventilation slots or other openings on the apparatus.
- Never place any objects other than discs into the disc tray/slot.
- Visible and invisible laser radiation when open. Avoid exposure to beam.
- Risk of damage to the screen! Never touch, push, rub or strike the screen with any object.
- Never use solvents such as benzene, thinner, cleaners available commercially, or anti-static sprays intended for discs.
- Clean the apparatus with soft, damp cloth. Never use substances such as alcohol, chemicals or household cleaners on the apparatus.

Notice

The making of unauthorized copies of copy-protected material, including computer programs, files, broadcasts and sound recordings, may be an infringement of copyrights and constitute a criminal offence. This equipment should not be used for such purposes.

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Offical DivX® Certified product. Plays all versions of DivX® video (including DivX® 6) with standard playback of DivX® media files.
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Manufactured under license from Dolby Laboratories.
"Dolby" and the double-D symbol are trademarks of Dolby Laboratories.
Other trademarks and trade names are those of their respective owners.

This apparatus includes this label:

Environmental information

All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box),

polystyrene foam (buffer) and polyethylene (bags, protective foam sheet.)
Your system consists of materials which can be recycled and reused if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.
Any changes or modifications made to this device that are not expressly approved by Philips Consumer Lifestyle may void the user's authority to operate the equipment.
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Introduction

With the car entertainment system, you can

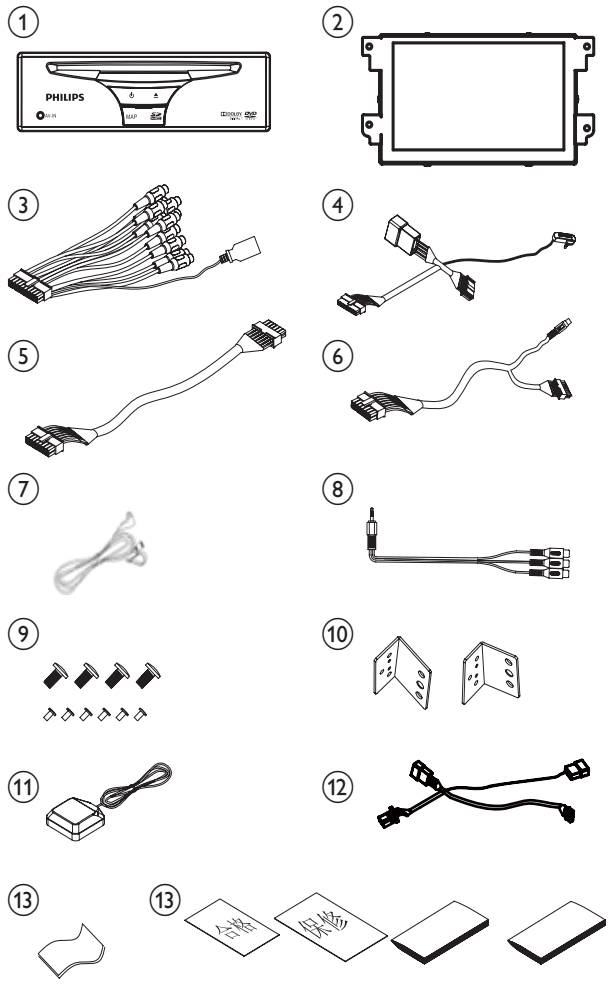
- Quickly found routine through the navigation system

  And you can also enjoy:
- Audio/video/JPEG pictures from
  - DVD, VCD or CD
  - USB devices
  - SD/SDHC/MMC cards
  - External devices
- Audio from Bluetooth-enabled devices

Besides, you can make/receive phone calls with Bluetooth-enabled devices.

What's in the box

Check and identify the contents of your package:



1. **Main unit**
2. **Screen**
3. **AV out cable**
4. **Power cable**
5. **16 pin TFT cable**
6. **14 pin CAN/CMMB cable**
7. **Bluetooth microphone cable**
8. **Front AV in cable**
9. **Screws**
   - M5x10mm x 4 pcs
   - M2.6x5mm x 6 pcs

⑩ Mounting bracket x 2

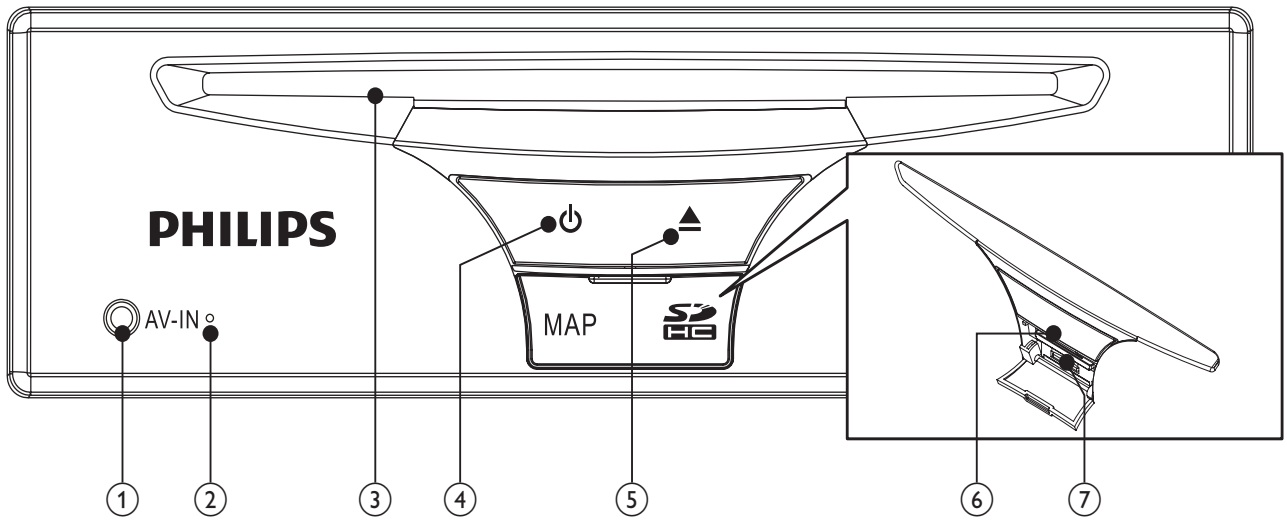
⑪ GPS antenna

⑫ Tieline

⑬ Screen cleaning cloth

⑭ Printing material (includes user manual, GPS manual, quick start guide, warranty etc.)

Overview of the main unit



① AV IN
- External equipment audio/video in socket.

② RESET
- Reset the unit when it hangs up.

③ Disc slot

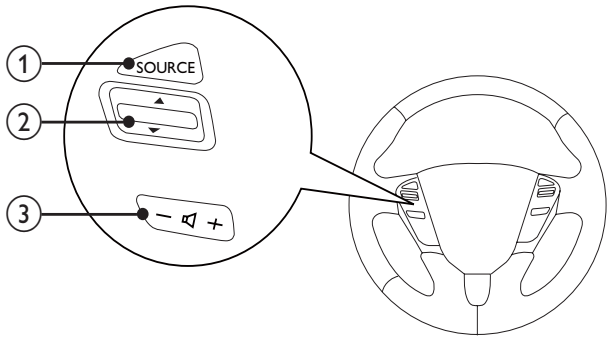
④ ⏻
- Turn the unit on or off.

⑤ ⏏
- Eject disc.

⑥ SD/SDHC/MMC card slot

⑦ MAP
- Open the cover and insert/remove the GPS map card.

Overview of the steering wheel



1 SOURCE
- Switch in/out navigation (long press).
- Selelct source for CID3683/host car audio.

2 ▲/▼
- Select the previous/next track.
- Search backward/forward at different speeds (long press).
- Select preset radio stations.
- Answer/terminate an incoming call.

3 - 🔊 +
- Adjust volume.

2 Get started

Caution

- Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.

Always follow the instructions in this chapter in sequence.

Install the car audio

These instructions are for a typical installation. However, if your car has different requirements, make the corresponding adjustment. If you have any questions regarding installation kits, consult your Philips car audio dealer.

Caution

- This unit is designed for negative ground (earth) 12 V DC operation only.
- Always install this unit in the car dashboard. Other locations can be dangerous as the rear of the unit heats up during use.
- To avoid short-circuit: before you connect, ensure that the ignition is off.
- Ensure that you connect the yellow and red power supply leads after all other leads are connected.
- Ensure that all loose leads are insulated with electrical tape.
- Ensure that the leads do not get caught under screws orin parts that will move (e.g. seat rail).
- Ensure that all ground (earth) leads are run to a common ground (earth) point.
- Use only the supplied mounting hardware for a safe and secure installation.
- Improper fuses can cause damage or fire. When you need to change the fuse, consult a professional.

Note on the power supply lead (yellow)

- When you connect other devices to this system, ensure that the rating of the car circuit is higher than the total fuse value of all the connected devices.

Notes on speaker connection

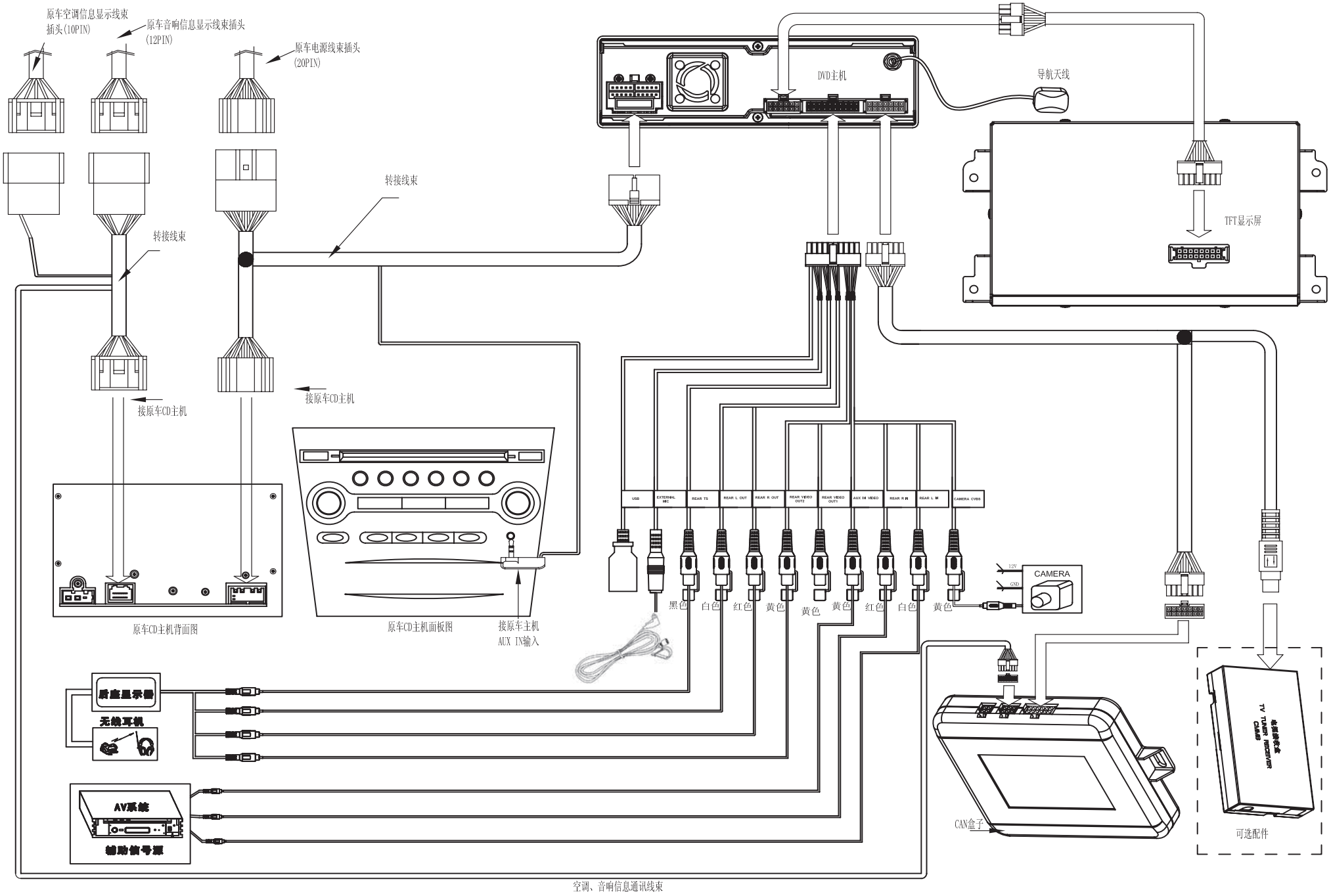
- Never connect speaker wires to the metal body or chassis of the car.
- Never connect speaker wires with stripes to one another.

Connect wires

Caution

- Ensure that all loose leads are insulated with electrical tape.

1 Check the car's wiring carefully, then do the other connections:

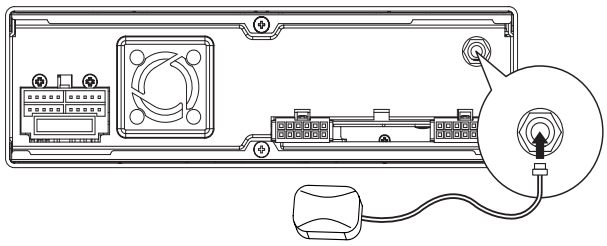

原车空调信息显示线束
插头(10PIN)
原车音响信息显示线束插头
(12PIN)
原车电源线束插头
(20PIN)
转接线束
转接线束
接原车CD主机
接原车CD主机
DVD主机
导航天线
TFT显示屏
USB
EXTERNAL MIC
REAR TS
REAR L OUT
REAR R OUT
REAR VIDEO OUT2
REAR VIDEO OUT1
AUX IN VIDEO
REAR R IN
REAR L IN
CAMERA CVBS
黑色
白色
红色
黄色
黄色
黄色
红色
白色
黄色
12V
GND
CAMERA
原车CD主机背面图
原车CD主机面板图
接原车主机
AUX IN输入
后座显示器
无线耳机
AV系统
辅助信号源
CAN盒子
TV TUNER RECEIVER CMMB
可选配件
空调、音响信息通讯线束

English

Connect GPS antenna

To receive signal from satellites, connect the supplied GPS antenna to your car and the system.

1 Connect the supplied GPS antenna to the system first.



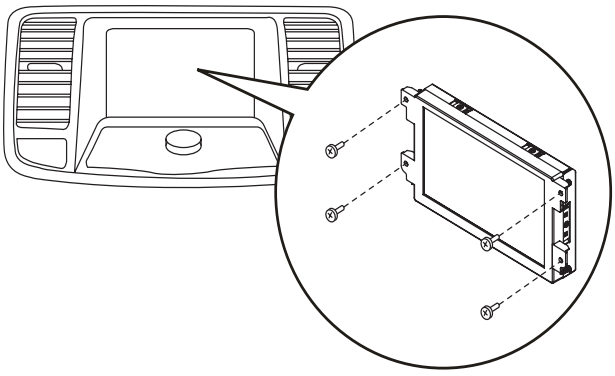
2 Stick the other end of the GPS antenna to a surface for better signal reception.

Mount in the dashboard

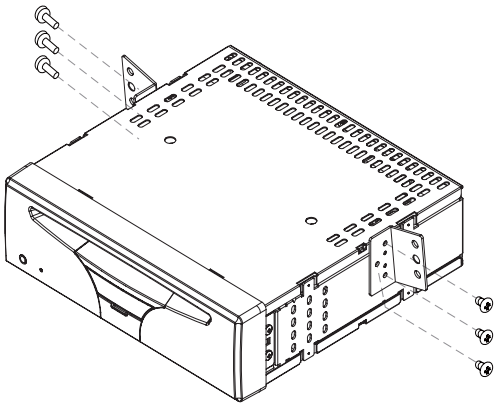
Note

- Check wire connection before you mount the unit into a car.

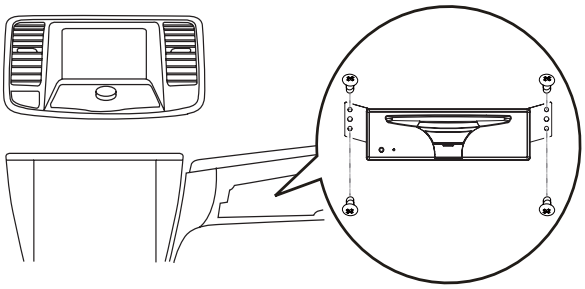
1 Take off the trim plates of the car.
2 Open the glove box before the front passenger seat.
3 Connect the wires.
4 Replace the screen of the host car audio with the screen of CID3863.



5 Fix the main unit to the mounting brackets with the M2.6 x 5 screws.



6 Fix the mounting brackets to the car with the M5 x 10 screws.



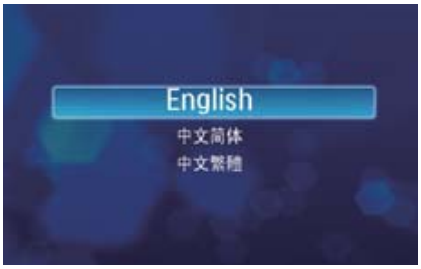
7 Attach the trim plate.

Turn on

Caution

- Risk of road accidents! Never watch video or adjust settings while you drive.

1 Press and hold ⏻ to turn on the unit.
↳ The available OSD (On-Screen Display) languages are displayed.



2 Touch a language to select.

↳ The OSD language is changed to the selected language immediately.

- To turn off the unit, press and hold ⏻.

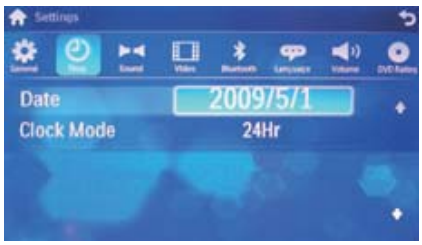
Set date

1 Touch the upper left corner to display main menu.

2 Touch ◖ in the middle right side of the screen.
↳ The second main menu is displayed.

3 Touch **[Settings]**.

4 Touch **[Time]**.
↳ The date setup menu is displayed.



5 Touch on the displayed date information.

6 Touch ▲ or ▼ to set year, month and day.

Set clock mode

1 Touch **[Clock mode]**.

2 Touch on **[12Hr]** or **[24Hr]** to select clock mode.

Tip

- When date is set, touch ⮌ first and then touch ◗ to return to main menu.
- To set time, refer to the user manual of the host car audio.

3 Use map

Note

- You may need to upgrade the map before using it (see "Upgrade the map" section)

1 Touch the upper left corner to display home menu.

2 Touch **[Navigation]**.
   ↳ The navigation menu is displayed in a few seconds.

3 Refer to the map manual (in Chinese) to operate the navigation tool.

Tip

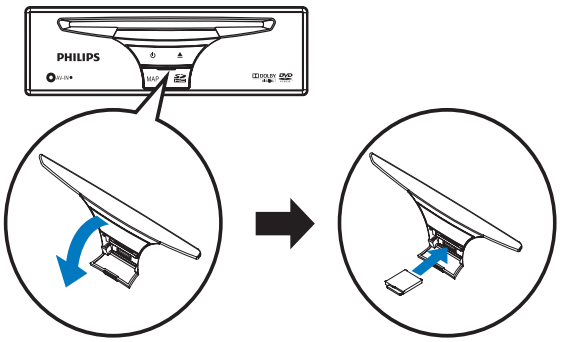
- You can press **NAVI** to enter/exit the navigation system.

Upgrade the map

1 Turn off the car audio system.

2 Open the map door.

3 Press on the map card until you hear a click sound.



4 Take out the card and bring it to the authorized service center for upgrade.

5 Insert the upgraded map card back into the map card slot.

6 Turn on the car audio.
   ↳ The map upgrades in a few minutes.

4 Play

Load discs

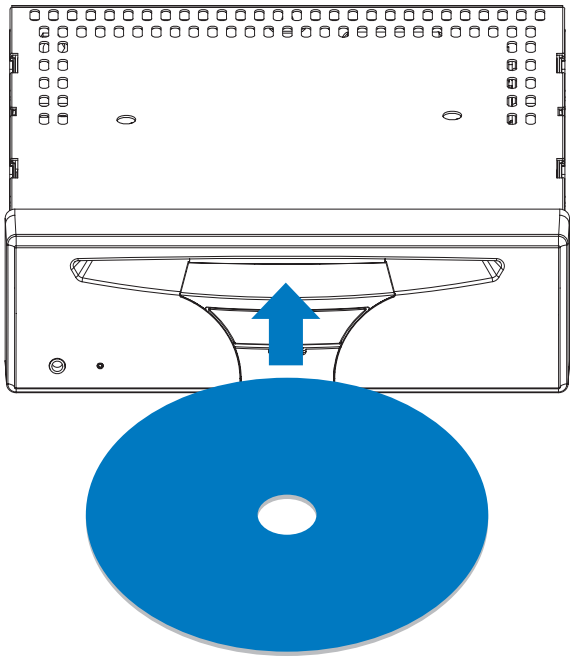
You can play video, audio or images stored on the following discs:

- DVD video, DVD-R, DVD-RW
- VCD
- Audio CD, CD-R, CD-RW

Note

- Ensure that the disc contains playable content.

1 Insert the disc into the disc slot with label side facing up.
   ↳ Play starts automatically.



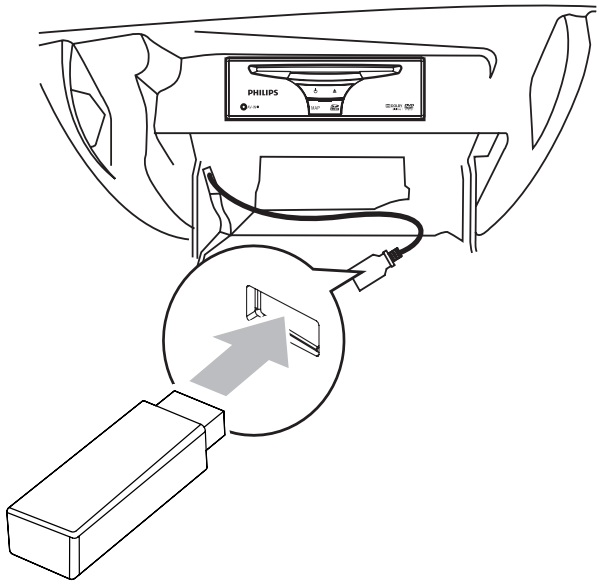
   ↳ To remove the disc, press the ⏏ button.
      ↳ When the disc is ejected, the unit switches to the previous source, if connected.

Connect USB device

Note

- Ensure that the device contains playable content.

1 Find the USB cable inside the glove box before the front passenger seat.
2 Remove the lid.
3 Insert your USB device to the USB socket.
   ↳ Play starts automatically.



Remove the USB device

1 Press **SOURCE** to switch to another source.
2 Remove the USB device.

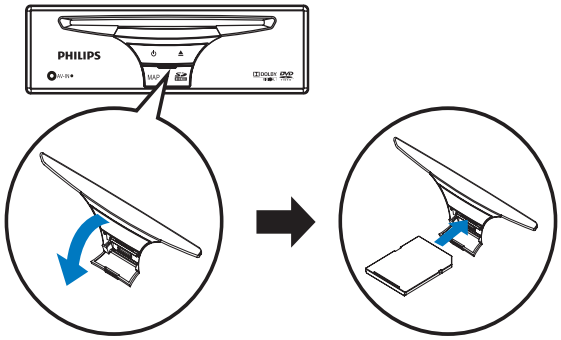
Insert SD/MMC card

Note

- Ensure that the device contains playable content.
- The unit supports SDHC card.

1 Open the SD/MMC card cover.

2 Insert the SD/MMC card into the SD/MMC card slot.
   ↳ Play starts automatically.



Remove the SD/MMC card

1 Press **SOURCE** to switch to another source.

2 Press the card until you hear a click sound.
   ↳ The card is now disengaged.

3 Remove the SD or MMC card.

Play/Pause

Once a disc, USB or SD/MMC card is inserted, play starts automatically.

- For DVD movie, if a menu appears, touch "play" to start play.

1 Touch anywhere except for the upper left corner to display menu on the screen, if necessary.

2 To pause, touch ⏸.
   - To resume play, touch ▶ again.

Search for a folder

For video files

1 Touch ⮌ to return to playlist menu.

2 Touch 🎥 to display all available video file folders.

3 Touch a folder, then touch ▲ or ▼ to select a file.

4 Touch ▶ to start play.

For audio files

1 Touch ⮌ to return to playlist menu.

2 Touch ♫ to display all available audio folders.

3 Touch a folder, then touch ▲ or ▼ to select a file.

4 Touch ▶ to start play.

For picture files

1 Touch ⮌ to return to playlist menu.

2 Touch 🖻 to display all available picture folders.

3 Touch a folder, then touch ▲ or ▼ to select a picture.

4 Touch ▶ to view the picture.

Search within a title/folder

Search by step

1 Touch anywhere except for the upper left corner to display menu on the screen, if necessary.

2 Touch ▲ or ▼ to skip to the previous or next chapter/track.

Direct search

1 Touch anywhere except for the upper left corner to display menu on the screen, if necessary.

2 Touch ▦.

↳ The search screen is displayed.

↳ For video files, touch 🗎 first, then touch ▦.

3 Touch the numbers to enter chapter/file number, then touch ✔.

- To clear the previous input, touch ←.
- To clear all input, touch ✖.

Repeat

During play, you can select different repeat play modes.

For DVD/VCD movie disc:

1 Touch anywhere except for the upper left corner to display menu on the screen, if necessary.

2 Touch **1/2** to display the 2nd menu.

3 Touch ⟲ to select:

- **[Repeat chapter]**: play the current chapter repeatedly.
- **[Repeat title]**: play all chapters in the title repeatedly.
- **[Repeat off]**: cancel repeat play.

For VCD karaoke or audio CD:

1 Touch anywhere except for the upper left corner to display menu on the screen, if necessary.

2 Touch ⟲ to select:

- **[Repeat]**: play the current track repeatedly.
- **[Repeat off]**: cancel repeat play.

For MP3/WMA files:

1 Touch anywhere except for the upper left corner to display menu on the screen, if necessary.

2 Touch ↻ to select:
- **[Repeat]**: play the current track repeatedly.
- **[Repeat folder]**: play all the tracks in the current folder repeatedly.
- **[Repeat off]**: cancel repeat play.

Repeat a section

You can repeat a specific section of video file (repeat A-B).

1 During play, touch anywhere except for the upper left corner to display menu on the screen, if necessary.

2 Touch **1/2** to display the 2nd menu, if necessary.

3 Touch **A-B** repeatedly to mark:
- **[Repeat A-]**: the start of the section to repeat.
- **[Repeat A-B]**: the end of the section to repeat.
- The selected section plays repeatedly.

4 To exit A-B repeat mode, touch **A-B** repeatedly until **[Repeat A-B off]** is displayed.

Random play

You can play audio tracks/files in random order.

1 During play, touch ⤮ repeatedly to turn random play on or off.
- ⤮ is highlighted : start random play.
- ⤮ turns gray: cancel random play.

Select audio language

For video discs that contain two or more audio channels.

1 During play, touch anywhere except for the upper left corner to display menu on the screen, if necessary.

2 Touch **1/2** to display the 2nd menu.

3 Touch repeatedly.
↳ The audio channel information is displayed on the upper line of the screen.

Select audio mode

When you play VCDs, you can select an audio mode (R/L/Stereo).

1 During play, touch anywhere except for the upper left corner to display menu on the screen.

2 Touch repeatedly until the audio mode is selected.

Select subtitle language

For DVD or DivX discs that contain two or more subtitle languages.

1 During play, touch anywhere except for the upper left corner to display menu on the screen, if necessary.

2 Touch **1/2** to display the 2nd menu

3 Touch repeatedly to select a language.
↳ The selected language is displayed.

Rotate pictures

1 When you view pictures, touch anywhere except for the upper left corner to display menu on the screen, if necessary.

2 Touch ↻ repeatedly to rotate the picture.

Zoom

You can zoom in pictures for a close view.

1 During view pictures, touch anywhere except for the upper left corner to display menu on the screen, if necessary.

2 Touch ⌕ repeatedly to zoom in the picture.

3 Touch ▲, ▼, ◀ or ▶ to pan through the enlarged picture.

Select slide show duration

1 Touch anywhere except for the upper left corner to display menu on the screen, if necessary.

2 Touch ◴ repeatedly to select:
- **Fast**: 3 seconds
- **Normal**: 5 seconds
- **Slow**: 8 seconds

5 Play with Bluetooth device

You can make or receive phone calls with Bluetooth-enabled phones through the unit. You can also listen to music from a Bluetooth-enabled device.

Pair the Bluetooth-enabled devices

To connect your Bluetooth device to the unit, you need to pair the device to the unit. Pairing needs only to be done once.
You can pair up to eight devices.

Note

- The operational range between this unit and a Bluetooth device is approximately 10 meters (30 feet).
- Before you connect a Bluetooth device to this unit, familiarize yourself with the Bluetooth capabilities of the device.
- Compatibility with all Bluetooth devices is not guaranteed.
- Any obstacle between this unit and a Bluetooth device can reduce the operational range.
- Keep this unit away from any other electronic device that may cause interference.

1. Turn on the Bluetooth function on the device.
2. Search for Bluetooth device with the device.
3. Select "CID3683" in the pairing list.
4. Enter default password "0000".
   ↳ if pairing succeeds. phone call record is displayed.

Disconnect Bluetooth devices

1. To disconnect one device, touch (red).
   ↳ (green) is displayed.

Tip

- The device will also be disconnected when the device is moved beyond the operational range.
- If you want to reconnect the device to the unit, place it within the operational range.
- If you do not want to reconnect the device to the unit automatically, touch > **[Auto connect]**, then select **[Off]**. For details, see the "Adjust Bluetooth settings" section.

Make a call

1. Pair the phone with the unit.
2. Touch the upper left corner to display the home menu.
3. Touch **[Bluetooth]**.
   ↳ The Bluetooth menu is displayed.

4. Touch ▲ or ▼ to select the paired phone, then touch .
5. Touch ▲ or ▼ to search for phone number from the following list:

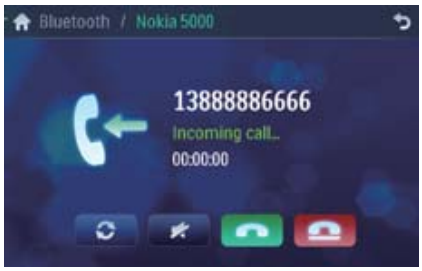
- **[Missed calls]**
- **[Received calls]**
- **[Dialed calls]**
- **[Phone book]**
- **[Sim phone book]**
- **[Local phone book]**

Or touch ⠿ to dial number directly, then touch ✆ to dial.

Receive call

By default, all incoming calls are received automatically.

1 If there is incoming call, **[Incoming call...]** flashes on the screen. Speak into the Bluetooth microphone.



2 When conversation ends, touch ✆ (red) to terminate the call.

Tip

- You can select to receive calls manually by set **[Auto answer]** to **[Off]** status.

Switch phone call to the mobile

If you do not want your passenger to hear your incoming call, you can switch the call to the mobile.

1 During talking, touch ⟲.

↳ The voice is transferred from the unit's loudspeaker to the mobile phone.

Listen to music from Bluetooth device

If the connected Bluetooth device supports Advanced Audio Distribution Profile (A2DP), you can listen to the music stored on the device through the unit. If the device also supports Audio Video Remote Control Profile (AVRCP) profile, you can use the control on the unit or its remote control to play music stored on the device.

1 Pair the phone with the unit.

2 Touch the upper left corner to return to home menu.

3 Touch **[Bluetooth]**.

↳ The Bluetooth menu is displayed.

4 Start play music via device.

- **If your device support AVRCP,**

1 Touch ♫ .

2 Touch ▶ to start play.

Adjust Bluetooth settings

You can change below Bluetooth settings:

- **[Bluetooth]**: to turn on or off "Bluetooth" function
- **[Auto connect]**: to turn on or off "Auto connect" function
- **[Auto answer]**: to turn on or off "Auto answer" function
- **[Pairing code]**: to set paring code

English

- **[Phone Book Sync]**: to synchronize phone book

1 In Bluetooth menu, touch .
   ↳ The option menu is displayed.

2 Touch on the selected option to change the setting.

Tip

- You can also adjust Bluetooth settings in the "Settings" menu.

6 Adjust sound

Adjust volume

To adjust volume, you can:

- Press the VOL +/- button on the steering wheel.
- Rotate the volume knob on the host car audio.

Mute

1 Touch anywhere except for the upper left corner to display menu on the screen, if necessary

2 Touch .
   ↳ The sound is cut off.
   ↳ To resume sound, touch again.

Select preset equalizer

You can select preset equalizer:

- **[User]**
- **[Techno]**
- **[Rock]**
- **[Classic]**
- **[Jazz]**
- **[Optimal]**
- **[Flat]**
- **[Pop]**

1 Touch anywhere except for the upper left corner to display menu on the screen, if necessary.

2 Touch .
   ↳ The current Equalizer setting is displayed.

3 Touch ◄ or ► to select an EQ.

4 Touch ▲ or ▼ to adjust below settings:

- **[Bass]**bass range: -14 to +14
- **[Mid]**middle range: -14 to +14.
- **[Treb]**treble range: -14 to +14
- **[LPH]** low pass filter range: 60, 80, 100, 200.
- **[MPF]**middle pass filter range: 500, 1K, 1.5K, 2.5K.
- **[HPF]**high pass filter range:10K, 12.5K, 15K, 17.5K.

5 Touch ↻ to restore the above settings into default settings.

6 Press ⮌ to exit.

Set Dynamic Bass Boost (DBB)

1 Touch DBB to toggle between the settings.

- **[DBB]** on: The DBB icon is illuminated.
- **[DBB]** off (default): The DBB icon is gray.

7 Adjust settings

Display system setup menu

1 Touch the upper left corner to display main menu.

2 Touch ◀ in the middle right side of the screen.
↳ The second main menu is displayed.

3 Touch **[Settings]**.
↳ The settings menu is displayed.

Tip

- When the setup adjustment is completed, touch ⮌ first and then touch ▶ to return to main menu.

Adjust general settings

1 Touch **[General]**, if necessary.

2 Touch ▲ or ▼ to highlight a setting.
3 Touch on the option to display/select an option.

General settings	Options	Description
[Blackout]	[off]	Never turn on the screen saver.
	[10s]	Turn on the screen saver automatically 10 seconds after last operation.
	[20s]	Turn on the screen saver automatically 20 seconds after last operation.
[Dimmer mode]	[Night]/[Dark]/ [Normal]/ [Bright]	Toggle between different dimmer modes.
[Key color]	[White]	Button backlight turns white.
	[Blue]	Button backlight turns blue.
[Beep]	[On]	Turn on the beep sound. Each time you press a button, the unit beeps.
	[Off]	Turn off the beep sound.
[WallPaper]	[Blue] /[Black]/ [Red]/[F1]	Change the background color/ image
[Calibration]		Calibrate the touch screen.

4 Press ⮌ to exit.

Adjust general settings

1 Touch **[General]**, if necessary.

2 Touch ▲ or ▼ to highlight a setting.

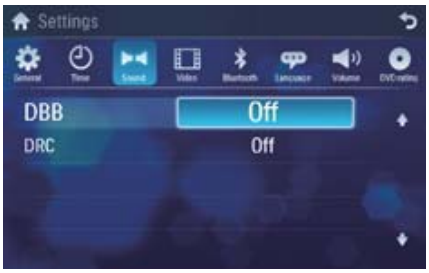
3 Touch on the option to display/select an option.

General settings	Options	Description
[Blackout]	[off]	Never turn on the screen saver.
	[10s]	Turn on the screen saver automatically 10 seconds after last operation.
	[20s]	Turn on the screen saver automatically 20 seconds after last operation.
[Dimmer mode]	[Night]/[Dark]/ [Normal]/ [Bright]	Toggle between different dimmer modes.
[Beep]	[On]	Turn on the beep sound. Each time you press a button, the unit beeps.
	[off]	Turn off the beep sound.
[WallPaper]	[Blue] /[Black]/ [Red]/[F1]	Change the background color/ image.
[Calibration]		Calibrate the touch screen.

4 Press ⮌ to exit.

Adjust sound settings

1 Touch [Sound].



2 Touch an option repeatedly to select:

Sound settings	Options	Description
[DBB]	[On]	The Dynamic Bass Boost (DBB) function is on.
	[Off]	The DBB function is off.
[DRC]	[On]	Makes loud sound level softer and soft sound level louder so that you can watch the DVD movies at a low volume, without disturbing others.
	[Off]	The DRC function is off.

3 Press ⮌ to exit.

Adjust video settings

1 Touch [Video].

2 Touch an option repeatedly to select:

English

Video settings	Options	Description
[Aspect ratio]	[Full]	For widescreen display.
	[Normal]	For normal display.
[Video input]	[Auto]	The correct format is set automatically. Select this option if you are not sure which format should be selected.
	[NTSC]	Used in the United States, Canada, Japan, Mexico, the Philippines, South Korea, Taiwan, and some other countries.
	[PAL]	Used in China, India, Singapore, the western European countries (except France), Australia, and some other countries.
	[Secam]	Used in France, Russia and other countries.
[Parking]	[On]	Disable video view during drive.
	[Off]	Enable video view during drive.
[DivX registration code]		View code for DivX registration.

3 Press ⮌ to exit.

Adjust Bluetooth settings

1 Touch **[Bluetooth]**.

2 Touch an option repeatedly to select:

Bluetooth settings	Options	Description
[Bluetooth]	[On]	Turn on the Bluetooth function.
	[Off]	Turn off the Bluetooth function.
[Auto connect]	[On]	If the pre-paired device is within the effective range, the unit re-connects to pre-paired device automatically.
	[Off]	Need to re-connect manually.
[Auto answer]	[On]	Answer paired phone call automatically.
	[Off]	Answer phone call manually.
[Pairing code]		View code for pairing the unit with other Bluetooth devices.

3 Press ⮌ to exit.

Adjust language settings

1 Touch **[Language]**.

2 Touch an option repeatedly to select:

Language settings	Options	Description
[OSD]	[English]	Select on-screen-display language.
	[简体中文]	
	[繁体中文]	
[DVD audio]	[English]	Select DVD audio language. Options available are depends on DVD disc.
	[简体中文]	
	[繁体中文]	
[DVD subtitle]	[English]	Select DVD subtitle language. Options available are depends on DVD disc.
	[简体中文]	
	[繁体中文]	
	[Off]	Turn off subtitle language display.
[Disc menu]	[English]	Select DVD menu language. Options available are depends on DVD disc.
	[简体中文]	
	[繁体中文]	

3 Press ⮌ to exit.

Adjust volume settings

You can set different volume for different modes.

1 Touch **[Volume]**.

↳ The volume setting sub-menu is displayed.

2 Touch on a source.
- **[DVD]**
- **[USB]**
- **[SDHC]**
- **[Bluetooth]**
- **[AV-IN1]**
- **[AV-IN2]**
- **[Navigation]**

3 Touch ⬆ or ⬇ to assign value: 0 to 12.

↳ When switches to the source, the volume increases automatically.

4 Press ⮌ to exit.

Adjust DVD rating

1 Touch **[DVD rating]**.

2 Touch an option repeatedly to select:

DVD rating	Options	Description
[Set password]		Set password to restrict the play of discs. The default password is 0000.
[Rating level]	[Kid safe]	Acceptable for children.
	[G]	Acceptable for general viewers.
	[PG]	Parental guidance suggested.
	[PG-13]	Unsuitable for children under age 13.
	[PG-R]	Recommend parents to restrict children under 17 to view.
	[R]	Restricted. Recommend parent to guide children under 17 to view.
	[NC-17]	Unsuitable for children under age 17.
	[Adult]	Acceptable for adults only.
[Load factory]		Restore to default settings.

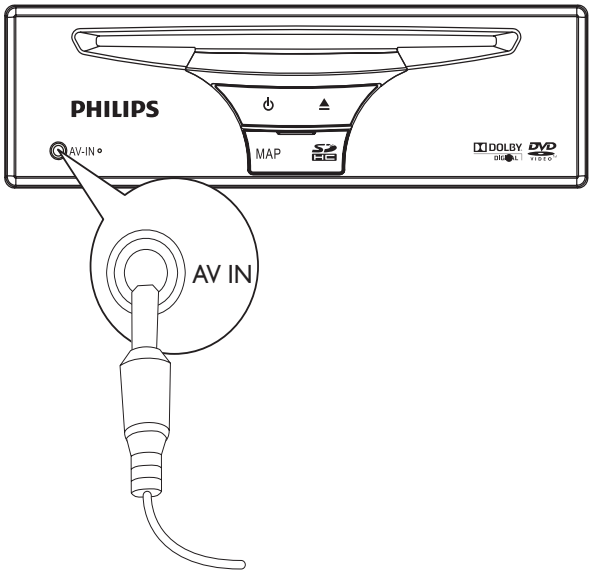
3 Press ⮌ to exit.

8 Others

Listen to other devices

You can connect an external audio/video device to the unit.

1 Connect the car audio to the device with the supplied AV cable.



2 Touch the upper left corner to display the main menu.

3 Touch **[AV-IN1]**.

4 Operated the connected the device (see the instructions manual of the device).

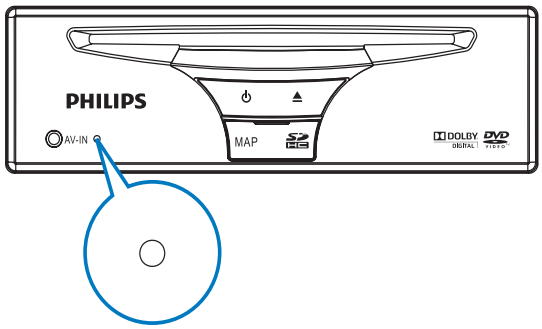
Tip

- If you connected the system to other audio device through the **REAR OUT L/R** connector (see "Connect wires" section), touch **[AV-IN2]** to listen to that device.

Reset

When the unit hangs up, you can reset it.

1 Press **RESET** with a ball-point pen or similar tool.



Tip

- When the unit is reset, all the settings remain unchanged.

Replace fuse

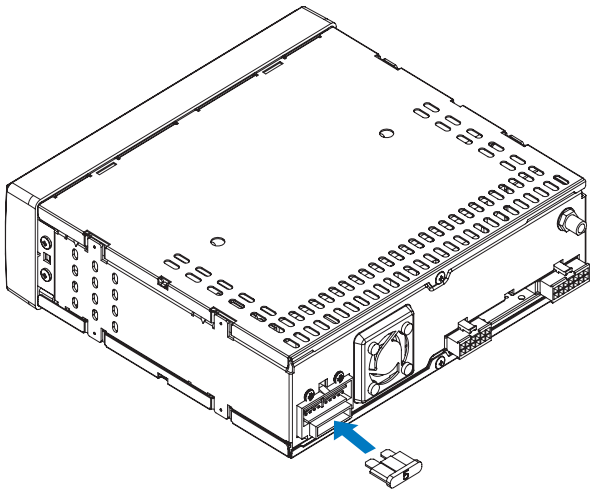
If there is no power, the fuse may be damaged and need to be replaced.

1 Take out the unit from dashboard.

2 Check the electric connection.

3 Buy a fuse that matches the voltage of the damaged fuse (5A)

4 Replace the fuse.



If the fuse gets damaged immediately after it has been replaced, there may be an internal malfunction. In such case, consult your Philips dealer.

9 Product information

Note

- Product information is subject to change without prior notice.

General

Power supply	12 V DC (11 V - 16 V), negative ground
Fuse	5 A
Pre-Amp output voltage	2.0 V (CD play mode; 1 kHz, 0 dB, 10 kΩ load)
Aux-in level	≥500 mV
Dimensions (W x H x D) - Main unit - Screen	184 x 181 x 54 mm 205 x 109 x 29 mm
Weight - Main unit - Screen	1.4 kg 0.5 kg

Disc player

System	DVD / CD audio / MP3 system
Frequency response	20 Hz - 20k Hz
Signal/noise ratio	>75dB
Total harmonic distortion	Less than 1%
Channel separation	>55dB
Video signal format	NTSC only
Video output	1 +/- 0.2V

LCD

Screen size	7 inches (16:9)
Display resolution	800 x 480 dots
Contrast ratio	300
Brightness	350 cd/m²

Bluetooth

Communication system	Bluetooth Standard version 2.0
Output	Bluetooth Standard Power Class 2
Maximum communication range	Line of sight approx. 8m
Frequency band	2.4 GHz band (2.4000 GHz - 2.4835 GHz)
Compatible Bluetooth profiles	Hands-Free Profile (HFP) Handset Profile (HSP) Advanced Audio Distribution Profile (A2DP) Audio Video Remote Control Profile (AVRCP)
Supported codecs Receive Transmit	SBC (Sub Band Codec) SBC (Sub Band Codec)

Compatible USB devices:

- USB flash memory (USB 2.0 or USB1.1)
- USB flash players (USB 2.0 or USB1.1)
- memory cards (SD / MMC / SDHC)

Supported formats:

- USB or memory file format: FAT16, FAT32
- MP3 bit rate (data rate): 32-320 Kbps and variable bit rate
- WMA v9 or earlier
- Directory nesting up to a maximum of 8 levels
- Number of albums/ folders: maximum 99
- Number of tracks/titles: maximum 999
- ID3 tag v2.0 or later
- File name in Unicode UTF8 (maximum length: 128 bytes)

Unsupported formats:

- Empty albums: an empty album is an album that does not contain MP3/

WMA files, and is not be shown in the display.
- Unsupported file formats are skipped. For example, Word documents (.doc) or MP3 files with extension .dlf are ignored and not played.
- AAC, WAV, PCM audio files
- DRM protected WMA files (.wav, .m4a, .m4p, .mp4, .aac)
- WMA files in Lossless format

Supported MP3 disc format:
- ISO9660, Joliet
- Maximum title number: 512 (depending on file name length)
- Maximum album number: 255
- Supported sampling frequencies: 32 kHz, 44.1kHz, 48 kHz
- Supported Bit-rates: 32-320 Kbps and variable bit rate

Supported video formats:
- DVD
- Divx Home theater
- MP4
- Xvid

Note

- To ensure a better playback, bit rate of 4.5 Mbps is recommended.

10 Troubleshooting

Warning

- Never remove the casing of this apparatus.

To keep the warranty valid, never try to repair the system yourself.
If you encounter problems when using this apparatus, check the following points before requesting service. If the problem remains unsolved, go to the Philips web site (www.philips.com/welcome). When you contact Philips, ensure that the apparatus is nearby and the model number and serial number are available.

No power

- Car engine has not been started. Start the car engine.
- Connections is incorrect.
- Fuse has been damaged. Replace fuse.

No sound

- Volume is too low. Adjust volume.
- Speaker connections is incorrect.

Disc does not play

- Disc is upside down. Ensure the printed side is upwards.
- Disc is dirty. Clean the disc with a clean, soft, lint-free cloth. Wipe the disc outwards from the center.
- Disc is defective. Try another disc.
- incompatible disc is used. Try another disc.
- Disc rating exceeds the restrict setting. Change the rating settings to lower one.
- Disc region code is not compatible with the unit. Use disc with proper region code.

No image

- Parking brake wire connection is incorrect. Check the parking wiring.

Image flashes or distorted

- Video DVD settings do not match with the DVD. Adjust video DVD settings.
- Video connection is improper. Check the connections.

Preset stations lost.

- Battery cable is not correctly connected. Connect the battery cable to the terminal that is always live.

Fuse is broken

- The Fuse type is incorrect. Replace it with a 5A fuse.
- Speaker wire or power wire is grounded. Check the connections.

Display show ERR-12

- USB/SD/MMC data error. Check the USB device or SD/MMC card.

About Bluetooth device

Music playback is unavailable on the system even after successful Bluetooth connection.

- The device cannot be used with the system to play music.

The audio quality is poor after connection with a Bluetooth-enabled device.

- The Bluetooth reception is poor. Move the device closer to the system or remove any obstacle between the device and the system.

Cannot connect with the system.

- The device does not support the profiles required for the system.
- The Bluetooth function of the device is not enabled. Refer to the user manual of the device for how to enable the function.
- The system is not in the pairing mode.
- The system is already connected with another Bluetooth-enabled device. Disconnect that device or all other connected devices and then try again.

The paired mobile phone connects and disconnects constantly.

- The Bluetooth reception is poor. Move the mobile phone closer to the system or remove any obstacle between the mobile phone and the system.
- Some mobile phones may connect and disconnect constantly when you make or end calls. This does not indicate any malfunction of the system.

- For some mobile phones, the Bluetooth connection may be deactivated automatically as a power-saving feature. This does not indicate any malfunction of the system.

11 Glossary

B

Bite rate
The max data transfer through the USB port.

Bluetooth
Bluetooth® is a short-rang wireless protocol that is meant to allow mobile devices to share information and applications without the worry of cables or interface incompatibilities. The name refers to a Viking King who unified Denmark. Operate at 2.4GHz. For more information, see www.bluetooth.com.

M

MMC
MultimediaCard. A type of memory card with a flash memory.

MP3
A file format with a sound data compression system. MP3 is the abbreviation of Motion Picture Experts Group 1 (or MPEG-1) Audio Layer 3. With the MP3 format, one CD-R or CD-RW can contain about 10 times more data than a regular CD.

R

Region code
A system that allows discs to be played only in the region designated. This unit only plays discs that have compatible region codes. You can find the region code of your unit on the product label. Some discs are compatible with more than one region (or ALL regions.)

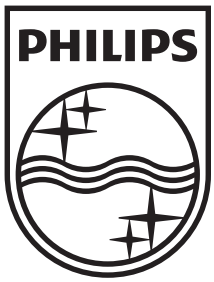
S

SD
Secure Digital. A type of memory card with a flash memory.

SDHC
Secure Digital High Capacity (SDHC) is a type of flash memory card based on the SDA 2.00 specification. The SDA 2.00 specification enables SD cards to reach higher capacities from 4GB to 32GB, and growing.

W

WMA (Windows Media Audio)
An audio format owned by Microsoft, is a part of Microsoft Windows Media technology. Includes Microsoft Digital Rights Management tools, Windows Media Video encoding technology, and Windows Media Audio encoding technology.



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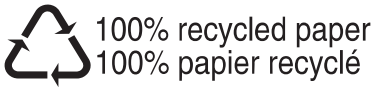

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